

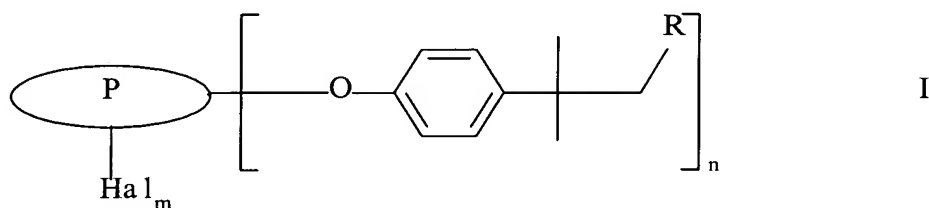
# IN THE CLAIMS

Please amend the claims as follows:

Claim 1 (Currently Amended): A composition comprising

i) at least one radiation-absorbing tert-alkylphenoxy-substituted polycyclic compound

A of formula I



where

P is a conjugated polycyclic radical ~~which~~ that is stable to bases and nucleophiles, optionally bears aryl substituents and contains no group from the group consisting of -CO-NH-CO-, -COOH and -CO-O-CO-;

R is C<sub>1</sub>-C<sub>8</sub>-alkyl, wherein the carbon chain of said C<sub>1</sub>-C<sub>8</sub>-alkyl may be interrupted by one or more groups selected from the group consisting of -O-, -S-, -NR<sup>1</sup>-, -CO- and -SO<sub>2</sub>- and which may be monosubstituted or polysubstituted by identical or different radicals selected from the group consisting of C<sub>1</sub>-C<sub>6</sub>-alkoxy and a 5- to 7-membered heterocyclic radical ~~which~~ that is attached via a nitrogen atom and may contain further heteroatoms and/or may be aromatic; or R is C<sub>5</sub>-C<sub>8</sub>-cycloalkyl, wherein the carbon framework of said ~~C<sub>4</sub>-C<sub>8</sub>-cycloalkyl~~ C<sub>5</sub>-C<sub>8</sub>-cycloalkyl may be interrupted by one or more groups selected from the group consisting of -O-, -S-, -NR<sup>1</sup>-, -CO- and -SO<sub>2</sub>- and which may be monosubstituted or polysubstituted by C<sub>1</sub>-C<sub>6</sub>-alkyl;

R<sup>1</sup> is hydrogen or C<sub>1</sub>-C<sub>6</sub>-alkyl;

Hal is chlorine or bromine or mixtures thereof;

m is from 0 to 15; and

n is from 1 to 16, wherein the sum  $m + n$  is  $\leq 16$

and

ii) at least one curable IR-reflecting component B which comprises

a) at least one achiral nematic polymerizable monomer and at least one chiral polymerizable monomer;

b) at least one cholesteric polymerizable monomer;

c) at least one cholesteric crosslinkable polymer; or

d) at least one cholesteric polymer in a polymerizable diluent.

Claim 2 (Previously Presented): A composition as claimed in claim 1, wherein said P in said compound A of formula I is a base-stable radical selected from the group consisting of naphthalenes, anthracenes, phenanthrenes, tetracenes, perylenes, terrylenes, quatterylenes, pentarylenes, hexarylenes, anthraquinones, indanthrones, N-substituted naphthalene-1,8-dicarboxylic monoimides, N,N'-disubstituted naphthalene-1,8:4,5-tetracarboxylic diimides, N-substituted perylene-3,4-dicarboxylic monoimides, N,N'-disubstituted perylene-3,4:9,10-tetracarboxylic diimides, N,N'-disubstituted terrylene-3,4:11,12-tetracarboxylic diimides, N,N'-disubstituted quatterylene-3,4:13,14-tetracarboxylic diimides, acridines, carbazoles, dibenzofurans, dinaphthofurans, benzimidazoles, benzothiazoles, phenazines, dioxazines, quinacridones, metal phthalocyanines, metal naphthalocyanines, metal porphyrins, cumarins, dibenzofuranones, dinaphthofuranones, benzimidazolones, indigo compounds, thioindigo compounds, quinophthalones, naphthoquinophthalones and diketopyrrolopyrroles.

Claim 3 (Previously Presented): The composition as claimed in claim 1, which comprises from 0.01 to 20% by weight of said compound A, based on the total weight of said component B.

Claim 4 (Previously Presented): The composition as claimed in claim 1, wherein said component B comprises at least one achiral nematic polymerizable monomer and at least one chiral polymerizable monomer.

Claim 5 (Currently Amended): The composition as claimed in claim 1, ~~which further comprises~~ further comprising at least one auxiliary selected from the group consisting of photoinitiators, binders, leveling agents, UV stabilizers, weathering stabilizers, and mixtures thereof.

Claim 6 (Canceled).

Claim 7 (Previously Presented): A heat-insulating coating comprising at least one oriented, cured layer of said composition as claimed in claim 1.

Claim 8 (Currently Amended): A heat-insulating coating as claimed in claim 7, which comprises at least one oriented, IR-reflecting, cured cholesteric polymer ~~which~~ that has a helical superstructures pitch ~~which~~ that corresponds to a wavelength in the IR spectral range, the cured cholesteric polymer obtained from component B.

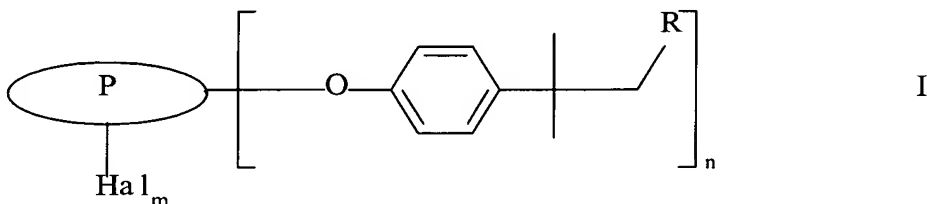
Claim 9 (Currently Amended): A heat-insulating coating as claimed in claim 8, which comprises at least two layers, wherein said at least two layers each comprise an IR-reflecting polymer having different helical superstructures pitches ~~which~~ that correspond to wavelengths in the IR spectral range, or opposite chiralities; or different helical

superstructures pitches ~~which~~ that correspond to wavelengths in the IR spectral range and opposite chiralities

Claim 10 (Currently Amended): A process for producing a heat-insulating coating as claimed in claim 7, which comprises applying to a substrate ~~[[said]]~~ a composition comprising

i) at least one radiation-absorbing tert-alkylphenoxy-substituted polycyclic compound

A of formula I



where

P is a conjugated polycyclic radical that is stable to bases and nucleophiles, optionally bears aryl substituents and contains no group from the group consisting of -CO-NH-CO-, -COOH and -CO-O-CO-;

R is C<sub>1</sub>-C<sub>8</sub>-alkyl, wherein the carbon chain of said C<sub>1</sub>-C<sub>8</sub>-alkyl may be interrupted by one or more groups selected from the group consisting of -O-, -S-, -NR<sup>1</sup>-, -CO- and -SO<sub>2</sub>- and which may be monosubstituted or polysubstituted by identical or different radicals selected from the group consisting of C<sub>1</sub>-C<sub>6</sub>-alkoxy and a 5- to 7-membered heterocyclic radical that is attached via a nitrogen atom and may contain further heteroatoms and/or may be aromatic; or R is C<sub>5</sub>-C<sub>8</sub>-cycloalkyl, wherein the carbon framework of said C<sub>5</sub>-C<sub>8</sub>-cycloalkyl may be interrupted by one or more groups selected from the group consisting of -O-, -S-, -NR<sup>1</sup>-, -CO- and -SO<sub>2</sub>- and which may be monosubstituted or polysubstituted by C<sub>1</sub>-C<sub>6</sub>-alkyl;

R<sup>1</sup> is hydrogen or C<sub>1</sub>-C<sub>6</sub>-alkyl;

Hal is chlorine or bromine or mixtures thereof;

m is from 0 to 15; and

n is from 1 to 16, wherein the sum m + n is ≤16

and

ii) at least one curable IR-reflecting component B which comprises

a) at least one achiral nematic polymerizable monomer and at least one chiral polymerizable monomer;

b) at least one cholesteric polymerizable monomer;

c) at least one cholesteric crosslinkable polymer; or

d) at least one cholesteric polymer in a polymerizable diluent, as claimed in claim 1,

and[[,]] optionally, [orienting said composition]and curing said composition, where before curing said composition optionally may be oriented.

Claim 11 (Previously Presented): A process as claimed in claim 10, wherein said curing is carried out by polymerizing said at least one achiral nematic polymerizable monomer and at least one chiral polymerizable monomer; or said at least one cholesteric polymerizable monomer; or said polymerizable diluent, or crosslinking said at least one cholesteric crosslinkable polymer.

Claim 12 (Previously Presented): An article comprising a heat-insulating coating as claimed in claim 7.